Bell Work
23.Oct.2017

Please log onto a computer and make your way to the class:

Webpage → Labs → "Intro to Energy and Light RXTE"

While you are logging on try to explain what "light" is.

What are use of light other than "seeing?"

EQ:

Is radiation bad for you or just misunderstood, why?

Objective: You will be able to identify various forms of light energy and the symbols for frequency, wavelength, speed of light, planks constant, and energy in a mathematical expression.

RXTE

Do ***all*** of the reading before answering questions.

Complete on a separate sheet of paper appropriately titled; “RXTE”.

Home work
23.Oct

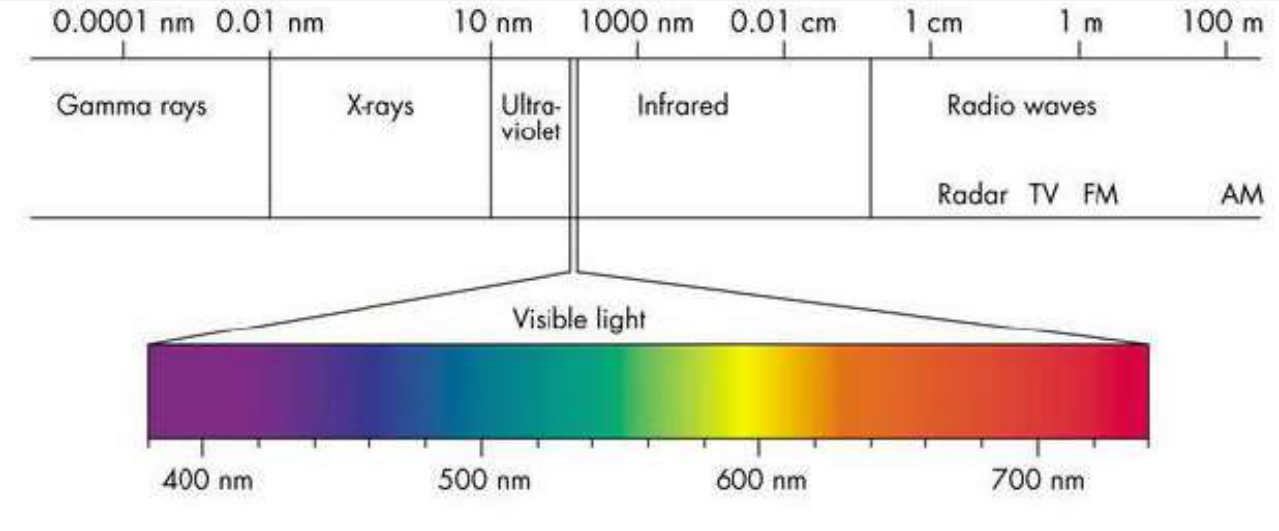
- Cereal/ cracker box
- Old CD or DVD (they will be broken into pieces)
- Continue with Science Fair

Bell Work
24-Oct-2017

A: We have trouble seeing light at 325nm, what is the wave length in meters (use your green sheets)?

B: What region is the light in?

C. If the speed of light, c, is $3x10^8 ms^{-1}$, what is the frequency, ν, of the light (λ =325nm)?



Objective

You will construct and then understand how to use a CD box/ paper SPECTROscope and decode the line spectrum it reveals.

EQ:
Is radiation bad for you or just misunderstood, why?

The Light Spectrum